

ABSTRACT OF THE DISCLOSURE

A power converter module provides a regulated direct current voltage to a load, and includes a rectifier, a metal thin film capacitor, and a voltage regulating circuit. The rectifier has input rectifier terminals coupled electrically to an external alternating current power source, and output rectifier terminals. The metal thin film capacitor interconnects one of the input rectifier terminals of the rectifier to the external alternating current power source. The voltage regulating circuit provides the regulated direct current voltage from the output rectifier terminals to the load.